ITS Technical Bulletin 179
CICS V3.3 COMPILER INTERFACE INFORMATION

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Section/Groups:
Submitted By:
Approved By:

CPU4

CICS Region Affected:	Date of Implementation:
CICST	April 10, 1994
CICSED	April 24, 1994
CICSTR	April 24, 1994
CICSIT	May 8, 1994
CICST1	May 8, 1994
CICST2	May 8, 1994
CICST3	May 8, 1994
CICSAT	May 8, 1994

CPU3

CICS Region Affected:	Date of Implementation:
CICSHA1	June 5, 1994
CICSHS	June 5, 1994
CICSO	June 5, 1994
CICSPA	June 5, 1994

CPU2

CICS Region Affected:	Date of Implementation:
CICSHA2	June 19, 1994
CICSEP	June 19, 1994
CICSGG	June 19, 1994
CICSCJ	June 19, 1994

CICS Compiler Interface Procedure
A new compiler INTERFACE has been developed by the ITS/CICS support group. This interface

will replace the TSO clist "CICSCOMX". With the advent of new releases of products and a changing product mix, it has become necessary for the ITS/CICS support group to revamp the method of maintaining compiler/assembler JCL. CICSCOMX has been around for 10 years and uses pre SPF/ISPF functions which are extremely primitive and labor intensive to maintain.

The new INTERFACE has been developed to dynamically build JCL using parameters entered through a series of ISPF panels. The parameters are stored in an ISPF table. The customer can recall a particular jobstream and have the INTERFACE regenerate the JCL in exactly the same way as it was originally generated. The ITS/CICS group will no longer support the CICSCOMX clist. It will remain available to users until we migrate completely to CICS V3.3. After complete migration to CICS V3.3 the clist and its associated procs will be deleted from the system. It will not be modified to support any access to the new libraries that will be available with CICS V3.3.

The Interface does not store any JCL in the tables, but stores all the parameters needed to dynamically build a jobstream. The customer will have the ability to build jobstreams to meet their requirements. No changes to logon procs or procedures will be necessary as all files needed by the user will be dynamically allocated. Due to time constraints, a basic set of functions will be made available in this initial release, with advance functions becoming available in future releases.

BASIC FUNCTIONS
The customer will be able to enter through a series of panels a request for a customized jobstream to be entered into the ISPF table. The INTERFACE will then generate the jobstream for the user and place the jobstream in a temporary dataset. The user can change the jobstream or simply submit the job for execution. The user has the ability to set up default parameters, i.e. jobcard and table files, to be used. If the table file is not allocated, then the INTERFACE will allocate and initialize a file for the user.

The user can also maintain the table through a panel which will show the contents of the table file where parameters are stored. Current options will enable the user to (1) expand a set of parameters into a jobstream in preparation for submission, (2) delete entries out of the table.

The customer community can access the new compiler INTERFACE from option L.CICS.

OPTIONS
Because the INTERFACE may not meet the requirements of all agencies at the current time, the following datasets will be made available for all agencies to use to access CICS V3.3 functions:

    1) CICS 3.3/COBOL VS/COBOL II copybooks   - CICS.PROD330.COBLIB
    2) CICS 3.3 Execution library   - CICS.PROD330.LOADLIB
    3) CICS 3.3 Assembler exec commands   - CICS.PROD330.MACLIB
    4) CICS 3.3 PL1 include library   - CICS.PROD330.PL1LIB

With the standardization of CICS system dataset names, the above dataset names also exist for CICS V3.1.1. The list of datasets currently used by all agencies will continue to be available until

all online systems are migrated to CICS V3.3. After that time ALL of the following datasets will be removed from the system.

CICS.PROD311.COBLIB
CICS.PROD.COBLIB
CICS.PROD311.LOADLIB
CICS.PROD.LOADLIB
CICS.PROD311.MACLIB
CICS.PROD.MACLIB
CICS.PROD311.PL1LIB
CICS.PROD.PL1LIB

In order for the customer to test out programs under CICS V3.3 using functions only available on V3.3, the customer should place them in library CICS.USER33.LOADLIB. This library will only be available on CICS systems that are running CICS V3.3.

From past experience as we migrate from one release of CICS to another, all code running on the current release of CICS should run on the new release without the need to re-compile/re-assemble. The one exception will be with those programs that contain macro CICS calls. These programs will not run under CICS V3.3 as only command level calls are supported.

If you have questions concerning this technical bulletin, please contact the CICS Support personnel at 538-3179.